

CHAPTER 1

GENERAL INFORMATION

A. The Defense Utility Energy Reporting System (DUERS) is an automated management information system with which the Department of Defense monitors its supplies and consumption of energy. It was originally fielded in February 1974 as the Defense Energy Information System (DEIS) to respond to the need to manage DoD energy resources more closely in the aftermath of the 1973 Arab oil embargo. It is primarily used as an energy management tool, providing information about the DoD's inventory and consumption of utility energy. The DUERS is used to:

1. Help formulate energy policy-
2. Prepare management reports for senior Defense managers that address energy-related problems and anticipate those requiring early action.
3. Measure energy conservation achievements and determine progress toward energy goals and targets.
4. Provide DoD energy data to Congress, the Department of Energy, and other Federal Agencies.
5. Provide immediate, on-line access to DoD energy data for all valid users.
6. Identify energy usage and consumption trends.
7. Ensure that all DoD Components' DEIS data subsystems meet DUERS reporting requirements.
8. Export and download energy data to automated systems and microcomputer programs for local, regional, and global analysis.

B. The DEIS consists of two related data systems -- the Defense Mobility Energy Reporting System (DMERS) (5126.46-M-1), and the Defense Utility Energy Reporting System (DUERS) (5126.46-M-2) .

1. The DMERS provides information on inventory and issues of petroleum products throughout the Department of Defense.
2. The DUERS identifies inventory for coal, propane and/or liquefied petroleum gas, and wood. It also identifies the

consumption of water and all other purchased utility energy (electricity, fuel oil, natural gas, steam and hot water, coal, and propane and/or liquefied petroleum gas) and renewable energy sources. It compares energy consumption against baseline consumption periods to determine energy conservation achievements. DUERS contains cost data on utility energy and environmental data such as degree-days.

C. The DUERS is intended to provide timely, mission-essential energy management data. The formats of this report were developed to ease preparation by reporting activities, provide for rapid transmission, and simplify automated data processing. Table 1-1 illustrates the types of data fields and displays in the DUERS.

Table 1-1

DEFENSE UTILITY ENERGY REPORTING SYSTEM

<u>Products</u>	Electricity Fuel Oil Natural Gas Coal Steam Propane and/or Liquefied Propane Gas Renewable Energy Sources Water Potable Water Recycled
<u>Fields</u>	Inventory (for Coal, Propane and/or Liquefied Petroleum Gas, Wood) Consumption BTU Content Conversion Factor Process Energy Consumption cost Environmental Data
<u>Summaries</u>	Reporting Activities Major Commands Military Services Defense Agencies States and Countries CONUS and Worldwide